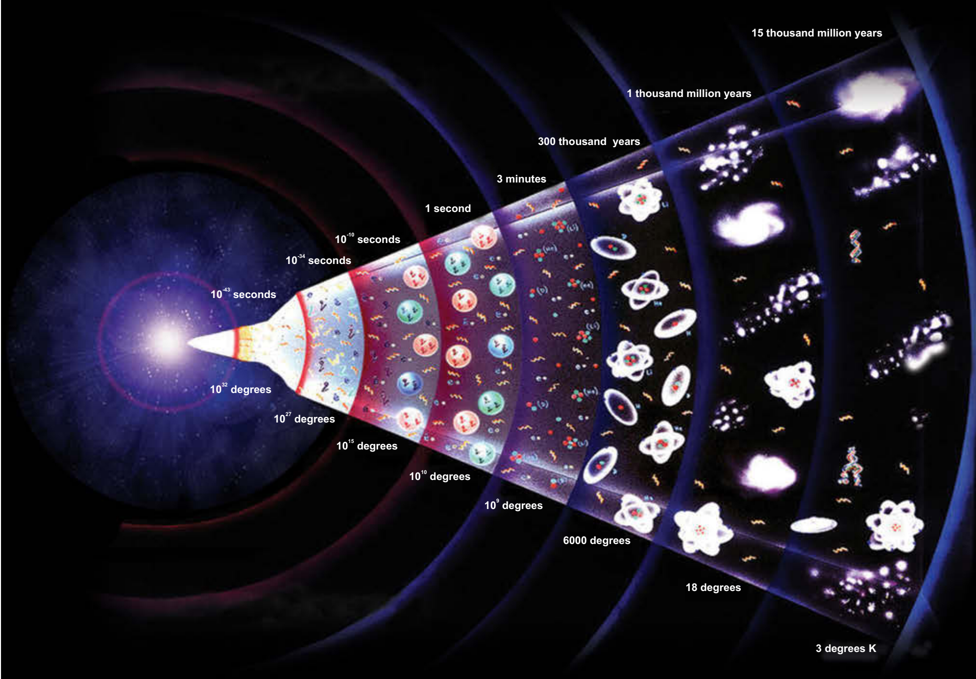
تخلیقِ کائنات

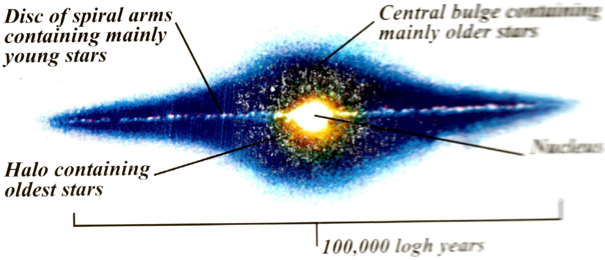
(قرآن اور جدید سائنس کا تقابلی مطالعہ)



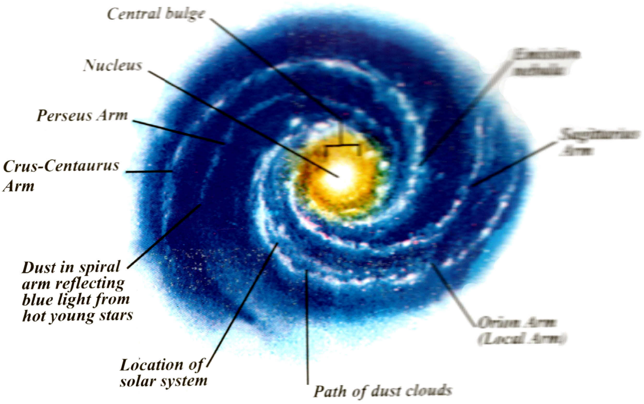
شیخ الاسلام ڈاکٹر محمد طاہر القادری

منہاج القرآن پبلیکیشنز

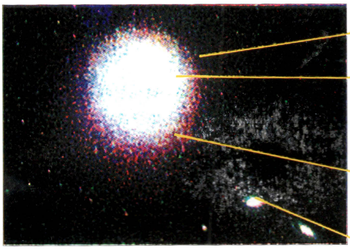
SIDE VIEW OF OUR GALAXY



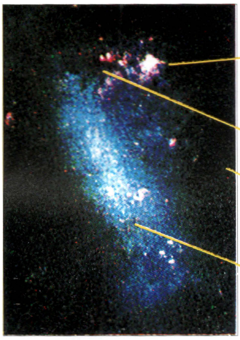
Overhear view of our galaxy



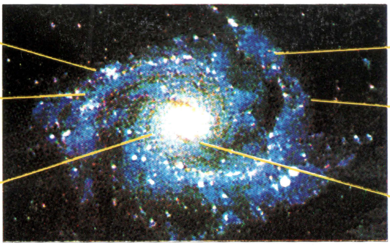
OPTICAL IMAGE OF NGS 4486 (ELLIPTICAL GALAXY)



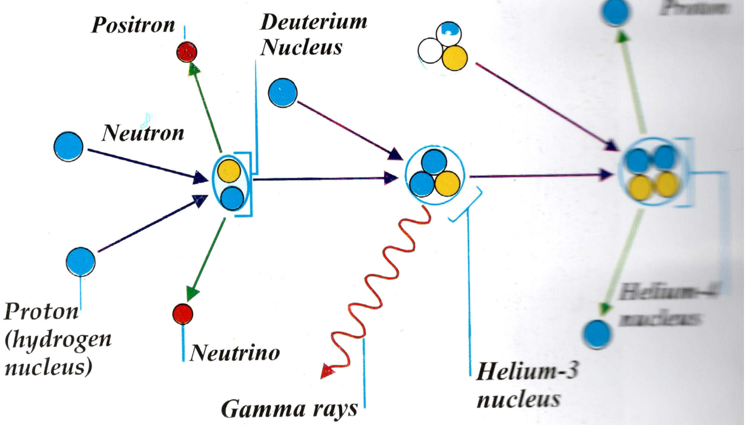
OPTICAL IMAGE OF LARGE MAGELIANIC CLOUD (IRREGULAR GALAXY)



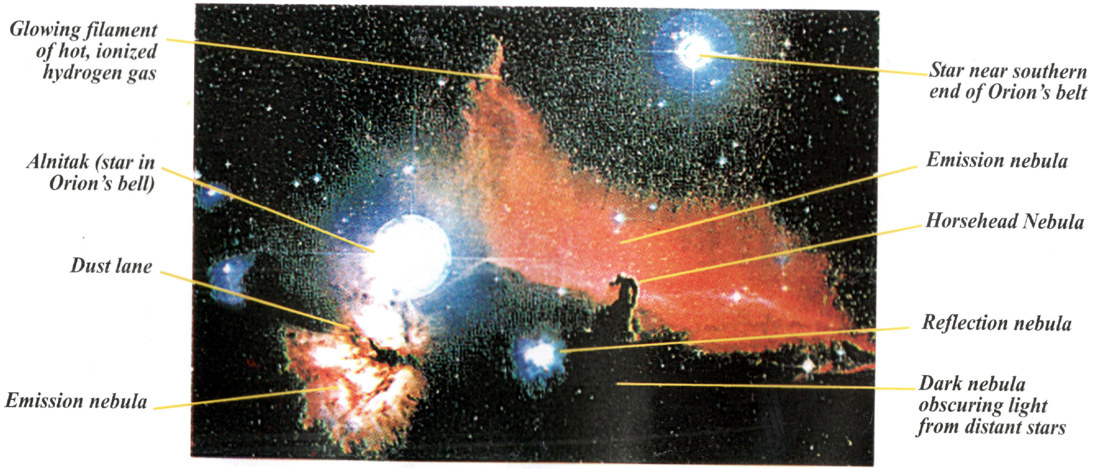
OPTICAL IMAGE OF NGC 2997 (SPIRAL GALAXY)



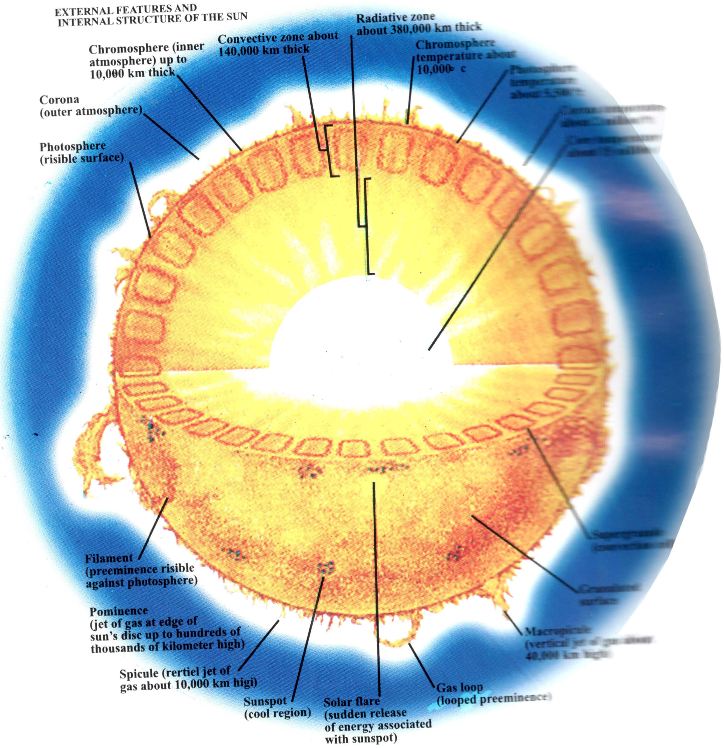
NUCLEAR FUSION IN MAIN SEQUENCE STARS LIKE THE SUN



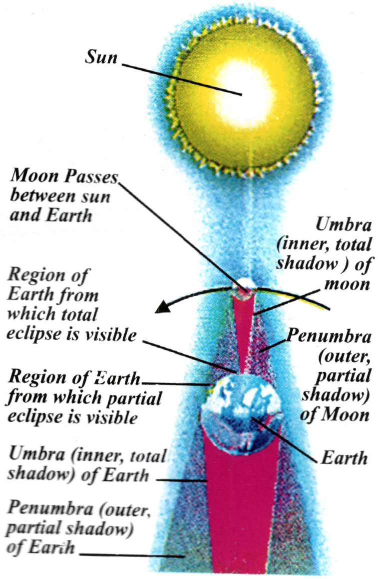
HORSEHEAD NEBULA (DARK NEGULA)



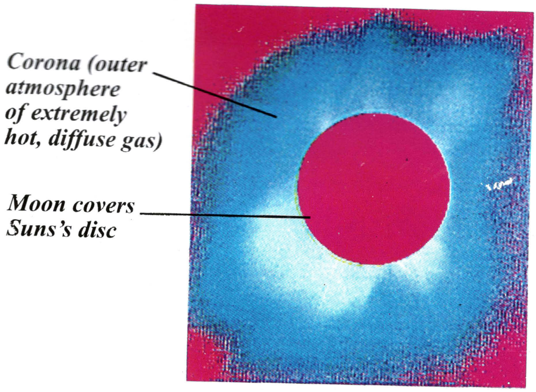
EXTERNAL FEATURES AND INTERNAL STRUCTURE OF THE SUN

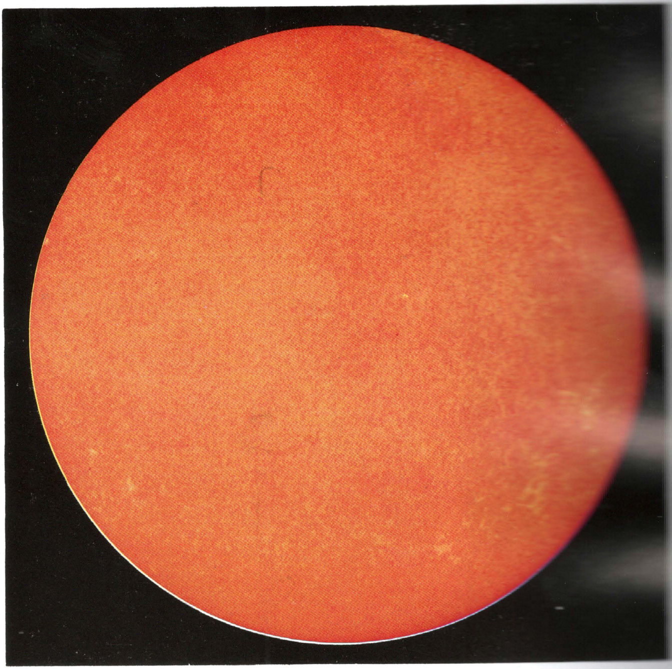


HOW A SOLAR ECLIPSE OCCURS

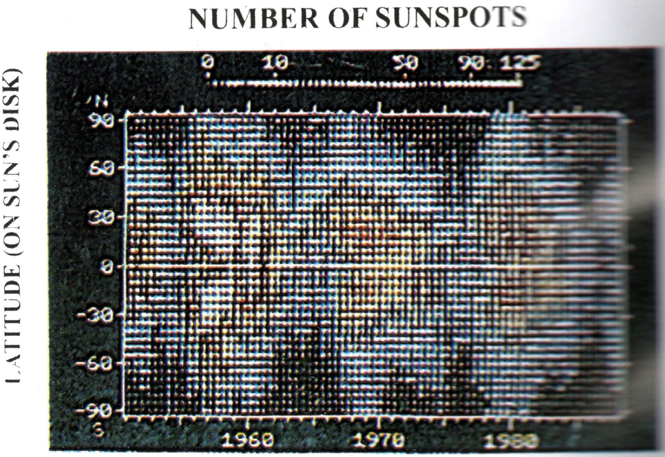


TOTAL SOLAR ECLIPSE



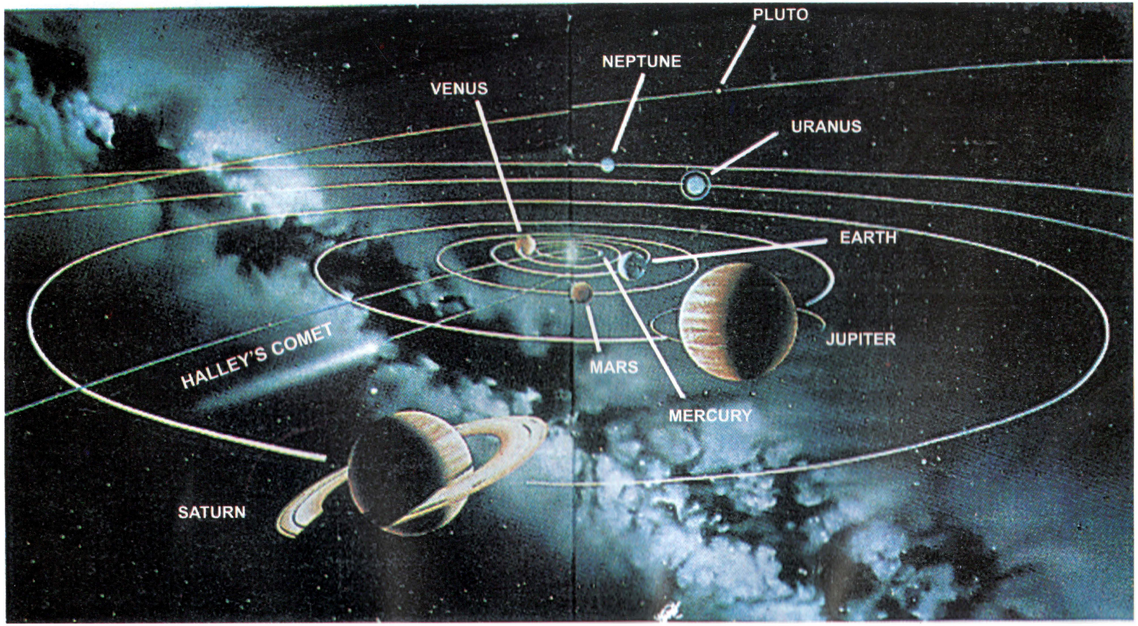


The sun, with sunspots on it.



The " butterfly diagram" shows changes over time in the number of sunspots and their latitudes.

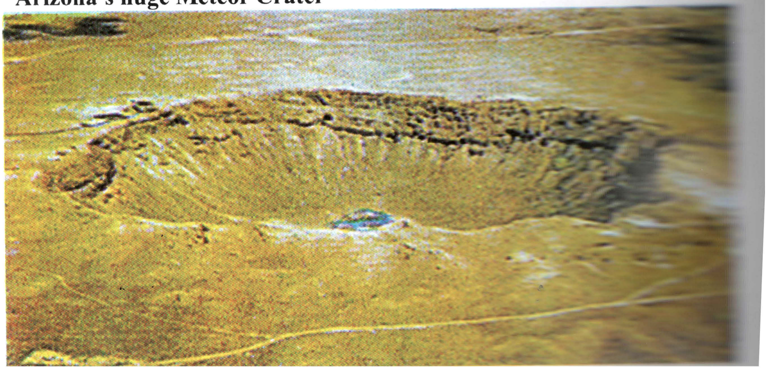
Solar System

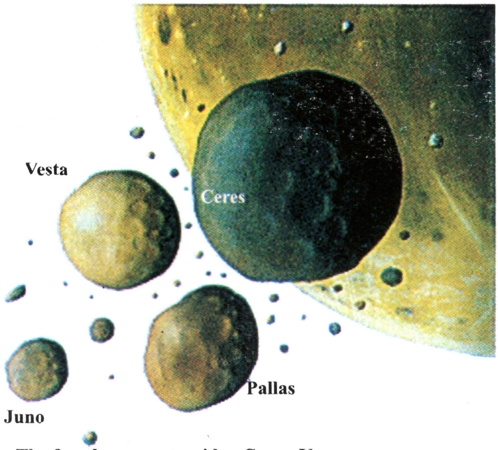


OPTICAL IMAGE OF HALLEY'S COMET

This small meteorite weighs 535 pounds.

Arizona's huge Meteor Crater

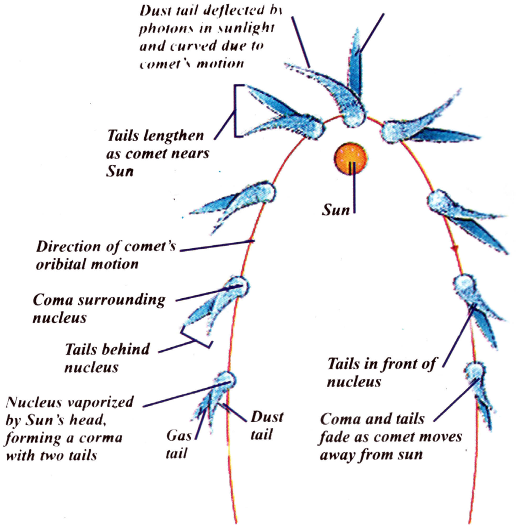




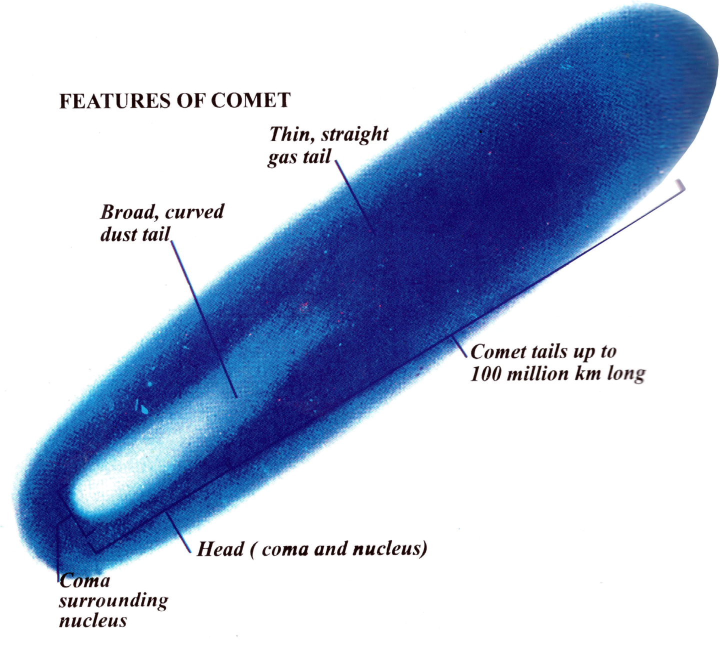
The four largest asteroids - Cares. Vesta. Pallasm and Juno - compared with the size of our Moon

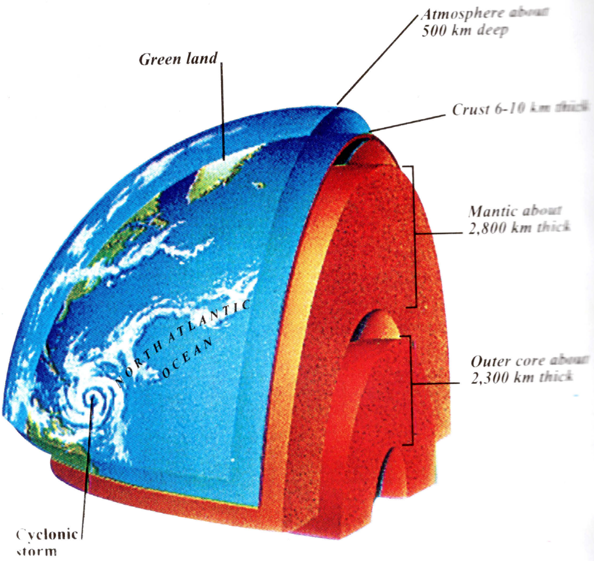
A bright meteor trail or "shootingstar."
The trail lasts for a few second

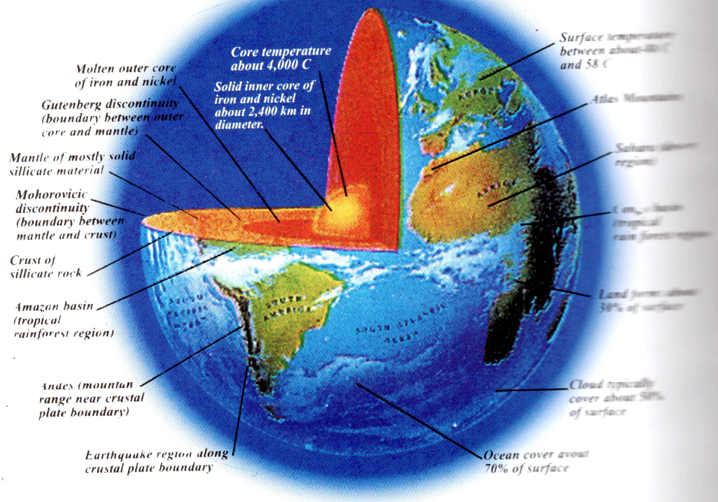
DEVELOPMENT OF COMET TAILS



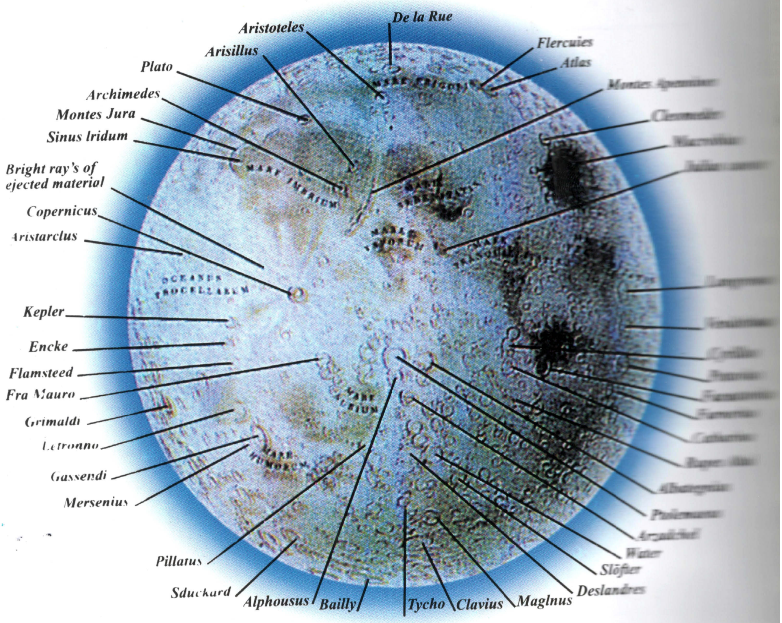
FEATURES OF COMET



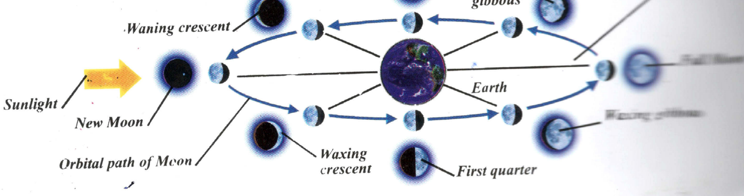

Atmosphere about 500 km deep
Green land
Crust 6-10 km thick
Mantic about 2,800 km thick
NORTH ATLANTIC OCEAN
Outer core about 2,300 km thick
Cyclonic storm

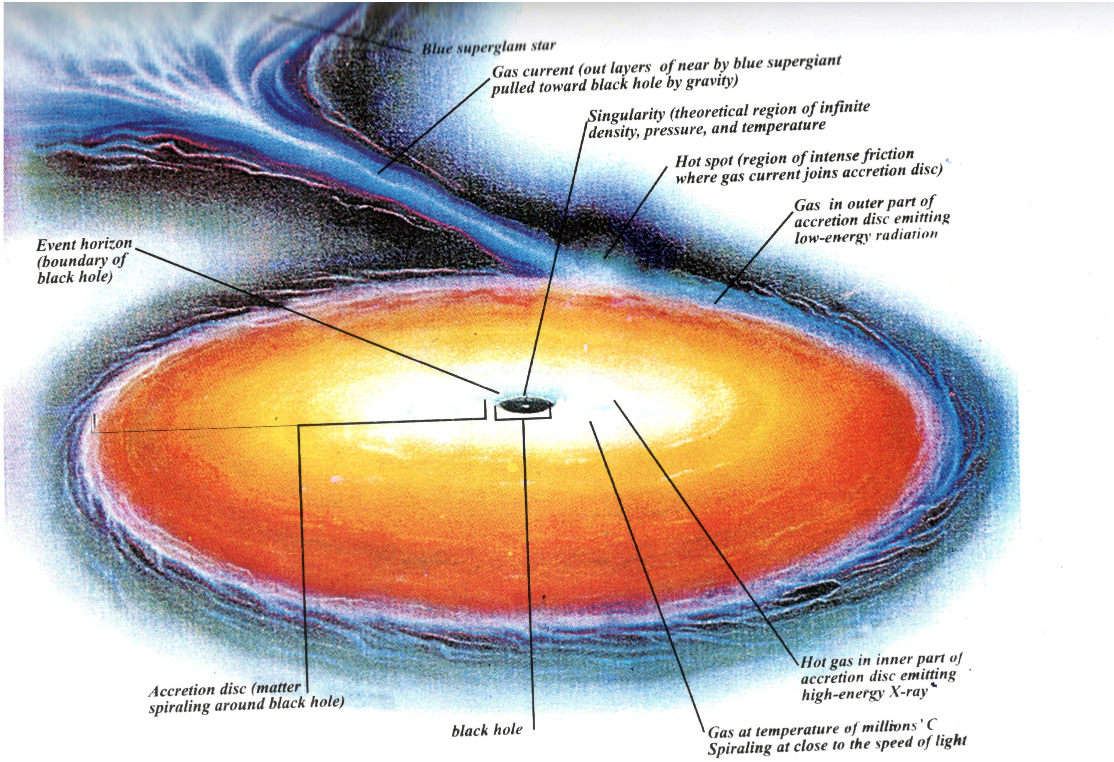

Core temperature about 4,000 C
Solid inner core of iron and nickel about 2,400 km in diameter.
Molten outer core of iron and nickel
Gutenberg discontinuity (boundary between outer core and mantle)
Mantle of mostly solid sillicate material
Mohorovicic discontinuity (boundary between mantle and crust)
Crust of sillicate rock
Amazon basin (tropical rainforest region)
Andes (mountan range near crustal plate boundary)
Earthquake region along crustal plate boundary
SOUTH AMERICA
Surface
between
and 58 C
Cloud typically cover about 50% of surface
Ocean cover avout 70% of surface

OCEAN OR
SOUTH SEA



PHASE OF THE MOON




Blue superglam star
Gas current (out layers of near by blue supergiant pulled toward black hole by gravity)
Singularity (theoretical region of infinite density, pressure, and temperature
Hot spot (region of intense friction where gas current joins accretion disc)
Gas in outer part of accretion disc emitting low-energy radiation
Event horizon (boundary of black hole)
Hot gas in inner part of accretion disc emitting high-energy X-ray
Accretion disc (matter spiraling around black hole)
black hole
Gas at temperature of millions' C Spiraling at close to the speed of light